CLAIM:

- 1. A diagnostic reagent which comprises a peptide selected from the group consisting of SEQ ID NOS: 2-14, 26-28 and 44, and a label.
- 2. A diagnostic reagent according to claim 1 which comprises enriched antigen presenting cells that present a peptide selected from the group consisting of SEQ ID NOS: 2-14, 26-28, and 44.
- 3. A method of identifying, in a sample of T cells, T cells that recognize HCMV, which comprises contacting said sample of T cells in vitro with a diagnostic reagent which comprises a peptide selected from the group consisting of SEQ ID NOS: 1-14, 26-28, and 44.
- 4. A method according to claim 3 wherein said peptide is SEQ ID NO: 1.
- 5. A method of identifying, in a sample of T cells, T cells that recognize HCMV, which comprises contacting said sample of T cells in vitro with a diagnostic reagent which comprises enriched antigen presenting cells that present a peptide selected from the group consisting of SEQ ID NOS: 1-14, 26-28, and 44.
- 6. A method according to claim 5 wherein said diagnostic reagent comprises enriched antigen presenting cells that present a peptide according to SEQ ID NO: 1.
- 7. A method of diagnosing exposure to HCMV in a patient which comprises:
 - (a) obtaining a sample of T cells from said patient;

- (b) contacting said sample of T cells in vitro with a diagnostic reagent which comprises a peptide selected from the group consisting of SEQ ID NOS: 1-14, 26-28 and 44; and
- (c) determining whether said diagnostic reagent binds to T cells in said sample of T cells.
- 8. A method according to claim 7 wherein said diagnostic reagent comprises a peptide according to SEQ ID NO: 1.
- 9. A method of diagnosing exposure to HCMV in a patient which comprises:
 - (a) obtaining a sample of T cells from said patient;
- (b) contacting said sample of T cells in vitro with a diagnostic reagent which comprises enriched antigen presenting cells that present a peptide selected from the group consisting of SEQ ID NOS: 1-14, 26-28 and 44; and
- (c) determining the degree to which said diagnostic reagent stimulates T cells in said sample of T cells.
- 10. A method according to claim 9 wherein said peptide is SEQ ID NO: 1.
- 11. A method of determining the degree of HCMV immunostimulation in a patient suffering from HCMV infection which comprises:
 - (a) obtaining a sample of T cells from said patient;
- (b) contacting said sample of T cells in vitro with a diagnostic reagent which comprises enriched antigen presenting cells that present a peptide selected from the group consisting of SEQ ID NOS: 1-14, 26-28 and 44; and
- (c) determining the degree to which said diagnostic reagent stimulates T cells in said sample of T cells.

12. A method according to claim 11 wherein said peptide is SEQ ID NO: 1.